

Human GRB7 Knockdown Cell Lysate

Cat. No. GRB7-185HKCL Lot. No. (See product label)

SPECIFICATION

Product Overview	WB-validated GRB7 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	<p>The product of this gene belongs to a small family of adapter proteins that are known to interact with a number of receptor tyrosine kinases and signaling molecules. This gene encodes a growth factor receptor-binding protein that interacts with epidermal growth factor receptor (EGFR) and ephrin receptors. The protein plays a role in the integrin signaling pathway and cell migration by binding with focal adhesion kinase (FAK). Several transcript variants encoding two different isoforms have been found for this gene.</p>
Form	Cell-Tissue Lysis buffer
Molecular Mass	60 kDa
Notes	<p>Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.</p>
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GRB7 KD HeLa cell lysate
Protein Families	Druggable Genome, Embryonic stem cells, Stem cell - Pluripotency
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	GRB7 growth factor receptor-bound protein 7 [Homo sapiens (human)]
Official Symbol	GRB7
Synonyms	GRB7; growth factor receptor-bound protein 7; B47; GRB7 adapter protein; epidermal growth factor receptor GRB-7;
Gene ID	2886
mRNA Refseq	NM_001030002
Protein Refseq	NP_001025173
MIM	601522
UniProt ID	Q14451

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